

**HANS F. BURCHARTH**

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Professor of Marine Civil Engineering

**Att: Fiscal Office**

U.S. Army Research,  
Development & Standardization Group, UK  
Edison House  
London NW 1 5TH  
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UK

1st May 1996

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Dear Sirs,

**Re.: Research Contract DAJA 45-93-C0020**  
**New Coastal Engineering Manual (CEM)**  
**Part 6: Coastal Structure Design**

7th-8th Interim Reports

The report of August 29, 1995, already included the description of some activities related to the 7th and 8th interim report periods. The present report contains a description of all activities related to the two periods. The confusion is a result of delays and subsequent changes of deadlines related to the interim periods.

CEM-activities for the period August 1995-April 1996

- Work related to Chapter VI-2 Types and Functions of Coastal Structure:  
Authoring of Chapter VI-2-1, Applications, 9 pages.
- Authoring of Chapter VI-2-2, Typical cross Sections and Layouts,  
23 pages including 23 figures.
- Authoring of Chapter VI-2-3, Main Types of Concrete Armour Units,  
3 pages, 1 figure.
- Authoring of Chapter VI-2-4, Failure Modes for Various Structure Types  
part b: Sloping-Front Structures, part c: Vertical-Front Structures,  
app. 42 pages, 37 figures.
- Review of draft Chapter VI-3, Site Specific Design Conditions. Authored by dr. Steven Hughes.

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- Meeting. With the objective of discussing the more detailed contents and length of the chapters in PART VI, I stayed one week in September 1995 at CERC, Vickburg. During the stay I also worked on Chapter VI-2-1 and reviewed some CERC-reports of relevance to the CEM. The stay made a close coordination with the work of dr. Steven Hughes possible.
- Preparations for authoring Chapter VI-4 in terms of reliability calculations for breakwaters.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'H.F. Burcharth', with a stylized flourish at the end.

H.F. Burcharth  
Prof.dr.tech., dr.h.c.